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RCA-03/0036/69

Basic Imagery Interpretation Report



**NATIONAL
PHOTOGRAPHIC
INTERPRETATION
CENTER**

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CHI HSIA RADAR SITE (CHIHsia AIR WARNING RADAR FACILITY)

25X1

DEPLOYED COMM/ELEC/RADAR FACILITIES

CHINA

MAY 1969

COPY NO. 102

4 PAGES

GROUP 1: EXCLUDED FROM
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INSTALLATION OR ACTIVITY NAME

Chi Hsia Radar Site

COUNTRY

CH

UTM COORDINATES

NA

GEOGRAPHIC COORDINATES

37-13-30N 120-44-25E

25X1

MAP REFERENCE

ACIC. US Air Target Chart 200, Sheet M0381-19HL, 4th ed, Mar 68 scale 1:2,000,000

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LATEST IMAGERY USED

NEGATION DATE (if required)

NA

ABSTRACT

This report, based on high resolution imagery, provides a detailed description of Chihsia Air Warning Radar Facility (Chi Hsia Radar Site), China. It includes a functional analysis, mensuration, and photography of the installation.

The facility contains a MOON CONE radar, a ROCK CAKE/STONE CAKE radar, a probable new AW radar, and a support area.

INTRODUCTION

The Chihsia AW Radar Facility, at an elevation of approximately 1,300 feet, is 6.2 nautical miles (nm) south-southwest of Chihsia and 14.8 nm north of Laiyang. The unsecured facility is on a hilltop in a sparse growth of coniferous vegetation; the vegetation, however, does not appear to mask the radar line of sight. There are no related facilities within 10 nm, and no discernible power/telephone lines entering the facility.

BASIC DESCRIPTION

Physical Features

The facility contains a MOON CONE radar, a probable new air warning (AW) radar, a ROCK CAKE/STONE CAKE height-finding radar, and a support area. A control building is contiguous to each of the radars. The facility also contains three unoccupied radar pads, each with a control building.

The new probable AW radar appears to have a cut-cylindrical sail. The sail is [REDACTED] The configuration of the carriage mount is similar to the typical CROSS LEGS carriage mount. The support area contains 11 support buildings partially enclosed by a fence. Six additional small support buildings are located throughout the area. Available building dimensions are given in the table on Figure 1.*

No communications antennas can be identified within the facility.

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25X1**Operational Functions**

No positive determination of the operational status of the radars can be made.

Status and Activity

There is no evidence of construction activity. On initial photographic coverage of the facility in [] two MOON FACE air warning radars were present. The next photographic coverage of the facility, in [] revealed one MOON CONE radar (down position), a new type of AW radar subsequently identified as CROSS LEGS, one ROCK CAKE/STONE CAKE radar, and one probable KNIFE REST B radar. In [] the radar components were essentially the same as in [] except that the probable KNIFE REST B radar was not present. The latest large-scale photographic coverage of the facility was in []

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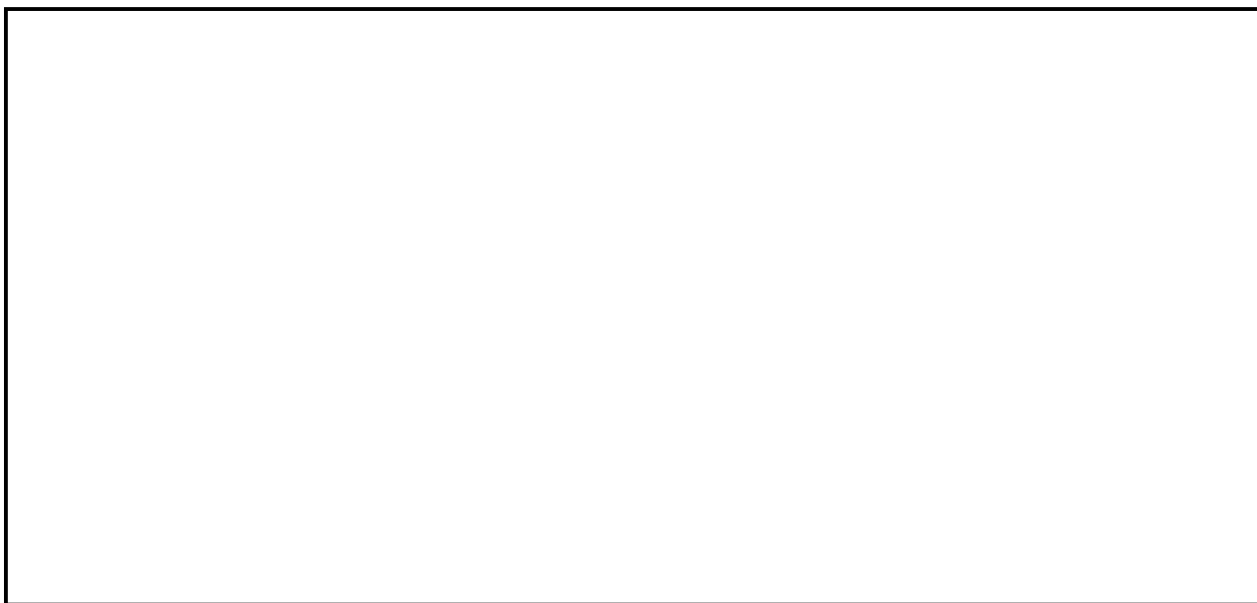
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REFERENCES

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IMAGERY



MAPS OR CHARTS

AGIC. US Air Target Chart 200, Sheet M0381-19HL, 4th ed., Mar 68, Scale 1:200,000

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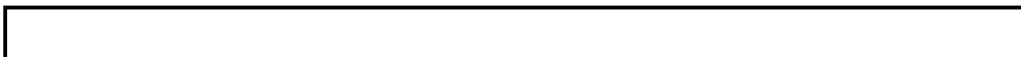
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REQUIREMENT

COMIREX BR-C/003-69

NPIC Project 210620

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